



Main Office
3346 Lennon Road, Flint MI 48507
810.732.1919 PHONE | 810.732.1945 FAX

**Flint ■ Fenton ■ Grand Blanc ■ Davison ■
Lapeer ■ Novi ■ Royal Oak ■ Southgate**
www.rmipc.net

July 8, 2019

United States Nuclear Regulatory Commission
Region III, Materials Licensing Section
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

Amendment request for License. Regional Medical Imaging- Southgate Site, #21-26076-01

Please remove 15300 Trenton Road, Southgate, Michigan from our license as an address of use. A close-out survey was performed on June 21, 2019 and is enclosed for your review. The last date of receipt and use of radioactive material at this site was January 14, 2019. Radionuclides Tc-99m and I-131 (less than 30 uCi capsules) were used at this facility. A current copy of the leak test results for the sealed sources used at our facility is enclosed for your review. This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used.

We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

Cordially,

A handwritten signature in black ink, appearing to read 'Randy D. Hicks', is written over a horizontal line.

Randy D. Hicks, M.D.
Regional Medical Imaging, R.S.O. and C.E.O.

RECEIVED JUL 10 2019



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RE: EXPEDIENCY PLEASE

**** We are awaiting NRC closeout to allow for construction to begin in this area.****

Thank You.



Sealed Source Leak Test

Licensee: Regional Medical Imaging-Southgate

Date: 05/20/19

Performed by: Jill Seorum

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	237.8uCi	08/01/80	Hot Lab	CDC.VI	3047MA
		Current Activity: 98.89uCi				
Ba-133	Vial	247.3uCi	04/01/07	Hot Lab	Cardinal	1218-41-1
		Current Activity: 117.51uCi				

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The leak test wipes were analyzed using instrumentation capable of detecting 185 Bq (0.005 uCi) radioactivity on the wipe.

RADIATION SAFETY OFFICER: _____

Close-out Survey

Date Performed: June 21, 2019

Performed By: Tracy King, M.S., Medical Physics Consultants, Inc

Wipe tests analyzed with Captus 4000e. Efficiency for Cobalt-57 is 1.26 dpm/cpm and MDA is 30 dpm; for Cs137 is 7.42 dpm/cpm and MDA is 245 dpm; for Barium-133 is 2.65 dpm/cpm and MDA is 48 dpm.

Survey performed with Ludlum survey meter model 14C with end window probe S/N 226161 calibrated on 10-4-18. Range used was 0.2 mR/hr.

All sealed radioactive sources were transferred to the main RMI location in Lennon by the RSO, Dr. Hicks.

Visual Check

The area was checked to ensure that all radioactive waste had been removed. No radioactive material was located.

Radiation Level Survey

No area within the department demonstrated radiation levels in excess of the background reading of 0.03 mR/hr.

Removable Contamination Wipe Test Results(Diagram enclosed)

<u>Area</u>	<u>dpm/100 cm2</u>	<u>Area</u>	<u>dpm/100 cm2</u>	<u>Area</u>	<u>dpm/100 cm2</u>
1.	0	11.	0	21.	154
2.	0	12.	0	22.	0
3.	0	13.	74		
4.	14	14.	74		
5.	14	15.	74		
6.	14	16.	0		
7.	14	17.	0		
8.	14	18.	0		
9.	14	19.	154		
10.	0	20.	154		

FACILITIES AND EQUIPMENT
Security-Related Information – Withhold Under 10CFR2.390

FACILITY DIAGRAM

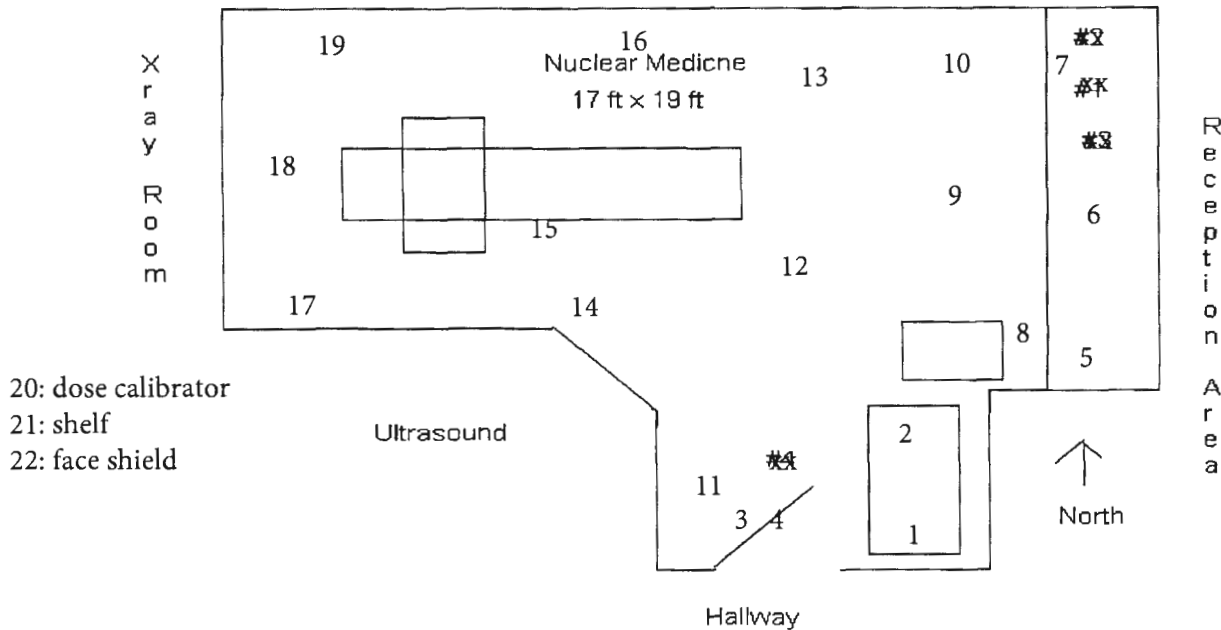
Close out June 21, 2019

8.16 Item 9

Southgate Radiology Nuclear Medicine and Ultrasound
 15300 Trenton Road
 Southgate, MI. 48195

Nuclear Medicine Department and Hot Lab

Outside



- #.1 Dose Prep Area
- #2. Waste Storage
- #3. Package Receipt and Return
- #4. Lockable department door

- Please note the direction north and room dimensions listed on the enclosed area diagram.
- There no room numbers.
- The Nuclear Medicine Department and the Hot Lab are all the same room.
- The door to the department will be under lock and / or key at all times. Only nuclear medicine technologists and the RSO will have access to the keys and/or combination to the hot lab.
- The facility is on grade and a single story building.
- The area above the facility is the roof.

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2 Your Internal Billing Reference

3 To Recipient's Name
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Company Region III Materials Licensing Section
Address 2043 Warrenville Rd, Ste 210
City Lisle State IL ZIP 60532-4372

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